## (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

## (19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 11 August 2005 (11.08.2005)

**PCT** 

(10) International Publication Number WO 2005/072736 A3

(51) International Patent Classification<sup>7</sup>: A61K 47/02, 47/38, 9/48, 31/195

(21) International Application Number:

PCT/US2005/001423

(22) International Filing Date: 15 January 2005 (15.01.2005)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 0400993.2

16 January 2004 (16.01.2004) GE

- (71) Applicants (for all designated States except US): IVAX CORPORATION [US/US]; 4400 Biscayne Boulevard, Miami, FL 33137 (US). NORTON HEALTHCARE, Ltd. [GB/GB]; Albert Basin, Royal Docks, London, E16 2QJ (GB).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): WOOLFE, Austen, John [GB/GB]; 31 Emberson Way, North Weald, Essex CM16 6DL (GB). DANDIKER, Yogesh [GB/GB]; 17 New Road, Digswell, Welwyn, Herts (GB). ELCHIDANA, Parizad [IN/IN]; IVAX House, IVAX India Private Limited, 76, Makawana Road, Marol Naka Andheri (East), Mumbai 400 059 (IN).
- (74) Agent: MANESH, A., Dixit; IVAX Corporation, 4400 Biscayne Boulevard, Miami, FL 33137 (US).

- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

## Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- (88) Date of publication of the international search report: 22 September 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: STABLE GABAPENTIN COMPOSITIONS

(57) Abstract: The present invention provides a pharmaceutical composition of gabapentin wherein lactam level remains below 0.5% even after more than two years of storage at 25 to 30°C and 60% relative humidity.